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15750 U.S.PTO
033104

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages **11**]
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]
5. Oath or Declaration [Total Pages **4**]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

Attorney Docket No. **H0005720-1045**First Inventor **Peter Anderson**Title **Sensor Arrangement Having an Air Inflow Pattern for Preventing...**Express Mail Label No. **EF 008474510 US****ADDRESS TO:** Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202317. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
*(if applicable, all necessary)*a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. CD-ROM or CD-R (2 copies); orii. paperc. Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information:

Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | | | | | | |
|--------------------------|---|-----------|---|----------------------|--------------|--------------------------|------------------------------|--|
| <input type="checkbox"/> | Customer Number or Bar Code Label | |  | | or | <input type="checkbox"/> | Correspondence address below | |
| Name | Larry J. Palguta | | | | | | | |
| Address | Honeywell Law Department | | | | | | | |
| City | South Bend | State | IN | Zip Code | 46628 | | | |
| Country | U.S.A. | Telephone | 574/231-2319 | | Fax | 231-2297 | | |
| Name (Print/Type) | Larry J. Palguta | | Registration No. (Attorney/Agent) | 29,575 | | | | |
| Signature |  | | Date | March 1, 2004 | | | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17548 U.S.PTO
10/813706

033104

FEE TRANSMITTAL

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 850)

Complete If Known

| | |
|----------------------|----------------|
| Application Number | |
| Filing Date | March 31, 2004 |
| First Named Inventor | Peter Anderson |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | H0005720-1045 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

| | |
|---|-----------|
| Deposit Account Number | 01-1125 |
| Deposit Account Name | Honeywell |
| <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | |

2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|----------|---|----------|
| 105 | 130 | 205 | 65 Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 Non-English specification | |
| 147 | 2,520 | 147 | 2,520 For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 Extension for reply within first month | |
| 116 | 400 | 216 | 200 Extension for reply within second month | |
| 117 | 920 | 217 | 480 Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 Extension for reply within fifth month | |
| 119 | 320 | 219 | 180 Notice of Appeal | |
| 120 | 320 | 220 | 180 Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 840 Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 840 Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 Design issue fee | |
| 144 | 620 | 244 | 310 Plant issue fee | |
| 122 | 130 | 122 | 130 Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 128 | 180 Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) | 80 |
| 146 | 740 | 246 | 370 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | |

SUBTOTAL (1) (\$ 770)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|----------|
| 20 | -20** = 0 | x 18 = 0 | 0 |
| 2 | -3** = 0 | x 86 = 0 | 0 |
| | | 290 = 0 | 0 |

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | |
|---------------|---------------|-----------------|--|
| 103 | 18 | 203 | 9 Claims in excess of 20 |
| 102 | 84 | 202 | 42 Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 770)

*or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 80)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|--------------------------------------|--------|----------------|--------------|
| Name (Print/Type) | Larry J. Palguta | Registration No. (Attorney/Agent) | 29,575 | Telephone | 574/231-2319 |
| Signature |  | | Date | March 31, 2004 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

17548 U.S.PTO
10/813706

033104

PETER ANDERSON, et al.

GROUP: UNKNOWN

SENSOR ARRANGEMENT HAVING
AN AIR INFLOW PATTERN FOR
PREVENTING DIRECT DEBRIS IMPACT

EXAMINER: UNKNOWN
SERIAL NO. UNKNOWN

FILED: March 31, 2003

South Bend, Indiana
March 31, 2004

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COMMUNICATION

Sir:

This patent application is being filed without the Declaration of co-inventor Paul J. Cairns. The Declaration and surcharge fee of \$130.00 under 37 CFR 1.16(e) will be filed later.

Respectfully Submitted


Larry J. Palguta, Attorney
Registration No. 29,575

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450 on March 31, 2004.


Larry J. Palguta, Attorney
574/231-2319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: PETER ANDERSON, ROGER R. SANGER, TIMOTHY J. LIPPOLD
and PAUL J. CAIRNS

TITLE: SENSOR ARRANGEMENT HAVING AN AIR INFLOW PATTERN
FOR PREVENTING DIRECT DEBRIS IMPACT

SERIAL NO.:

FILED: March 31 , 2004

CERTIFICATE OF MAILING

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Express Mail Label No. EF008474510US

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"Express Mail Post Office to Addressee" service under 37 CFR 1.10 on March 31, 2004, and is
addressed to: Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-
1450.



Larry J. Valguta, Attorney
Reg. No. 29,575

March 31, 2004

Date

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope addressed to: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450 on March 31, 2004.



Larry J. Palguta
Registration No. 29,575